A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 For Week Ended August 3, 1984 NO. 31

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 08/03/84	Last Week Ending: 07/27/84	Last Year Week Ending: 08/05/83	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,340	12,415	12,666	-75	-326
Operable capacity	16,074	16,074	16,294	0	-220
Percent operated	76.8	77.2	77.7		
Motor Gasoline					
Total motor gasoline production	6,330	6,520	6,598	-190	-268
Finished leaded motor gasoline production	2,552	2,531	2,854	21	-302
Finished unleaded motor gasoline production	3,778	3,989	3,744	-211	34
Total motor gasoline stocks	236,205	237,515	225,706	-1,310	10,499
Finished leaded motor gasoline stocks	91,347	90,973	96,208	374	-4,861
Finished unleaded motor gasoline stocks	106,717	107,554	90,215	-837	16,502
Distillate Fuel Oil					
Distillate fuel oil production	2,599	2,769	2,536	-170	63
Distillate fuel oil stocks	127,339	125,202	129,384	2,137	-2,045
Residual Fuel Oil					
Residual fuel oil production	747	816	738	-69	9
Residual fuel oil stocks	50,169	51,674	47,566	-1,505	2,603
Imports					
Crude oil imports	3,096	3,015	3,214	81	-118
Product imports	2,015	1,945	1,972	70	43
Crude Oil Stocks					
Crude oil stocks	352,484	356,043	343,976	-3,559	8,508

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 For Week Ended August 3, 1984 NO. 31

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,203	1,096	1,118	1,405	79.6
Appal. No. 1	91	91	91	115	79.1
DISTRICT 1 TOTAL	1,294	1,187	1,209	1,520	79.5
Appal. No. 2	68	62	62	66	93.9
Ind., Ill., Ky.	1,879	1,726	1,739	2,309	75.3
Minn., Wis., Daks.	295	285	293	303	96.7
Okla., Kans., Mo.	742	669	674	755	89.3
DISTRICT 2 TOTAL	2,984	2,742	2,768	3,433	80.6
Inland Texas	497	487	497	615	80.8
Texas Gulf Coast	2,918x	2,655	2,744	3,837	71.5
La. Gulf Coast	2,176	2,085	2,116	2,562	82.6
N. La. and Ark.	184	171	171	302	56.6
New Mexico	91	83	85	114	74.6
DISTRICT 3 TOTAL	5,866x	5,481	5,613	7,430	75.5
DISTRICT 4 TOTAL	464	462	464	537	86.4
DISTRICT 5 TOTAL	2,295	2,270	2,286	3,154	72.5
TOTAL U.S.	12,903	12,142	12,340	16,074	76.8
TOTAL U.S.					
Weeks Ended:					
JUL. 27, 1984	13,031x	12,193	12,415	16,074	77.2
AUG. 5, 1983	13,102	12,322	12,666	16,294	77.7
DISTRICTS 1-4					
Weeks Ended:					
AUG. 03, 1984	10,608	9,872	10,054	12,920	77.8
JUL. 27, 1984	10,755x	10,001	10,208	12,920	79.0
AUG. 5, 1983	10,843	10,094	10,414	13,234	78.7

API WEEKLY STATISTICAL BULLETIN
Week Ended August 3, 1984

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	577	168	409	28	35	244	118
Appal. No. 1	30	9	21	--	--	30	2
DISTRICT 1 TOTAL	607	177	430	28	35	274	120
Appal. No. 2	31	11	20	4	--	13	1
Ind., Ill., Ky.	1,074	404	670	14	111	402	35
Minn., Wis., Daks.	143	66	77	5	17	70	8
Okla., Kans., Mo.	345	209	136	14	35	196	20
DISTRICT 2 TOTAL	1,593	690	903	37	163	681	64
Inland Texas	305	174	131	25	31	122	29
Texas Gulf Coast	1,425	483	942	25	271	551	127
La. Gulf Coast	1,035	450	585	24	272	409	90
N. La. and Ark.	60	17	43	5	--	59	7
New Mexico	35	17	18	17	4	28	--
DISTRICT 3 TOTAL	2,860	1,141	1,719	96	578	1,169	253
DISTRICT 4 TOTAL	255	148	107	15	36	120	11
DISTRICT 5 TOTAL	1,015	396	619	52	292	355	299
TOTAL U.S.	6,330	2,552	3,778	228	1,104	2,599	747
TOTAL U.S. Weeks Ended:							
JUL. 27, 1984	6,520	2,531	3,989	204	904	2,769	816
AUG. 5, 1983	6,598	2,854	3,744	193	781	2,536	738
DISTRICTS 1-4 Weeks Ended:							
AUG. 03, 1984	5,315	2,156	3,159	176	812	2,244	448
JUL. 27, 1984	5,551	2,203	3,348	176	633	2,418	460
AUG. 5, 1983	5,497	2,412	3,085	150	547	2,205	476

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended August 3, 1984

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,221	2,501	2,719	1	106	518	7,122	1,633	--
Central Atlantic	35,005	12,482	17,928	4,595	458	3,788	27,545*	20,738*	13,215
Lower Atlantic	29,407	12,215	16,949	243	416	3,417	13,185	4,245	382
DISTRICT 1 TOTAL	69,633	27,198	37,596	4,839	980	7,723	47,852*	26,616*	13,597
DISTRICT 2 TOTAL	64,989	28,774	29,313	6,902	1,634	8,538	36,228	3,533	16,940
DISTRICT 3 TOTAL	66,131	22,724	26,527	16,880	2,391	11,871	28,706	10,116	47,978
DISTRICT 4 TOTAL	7,300	3,408	1,951	1,941	388	1,017	3,297	647	2,675
DISTRICT 5 TOTAL	28,152	9,243	11,330	7,579	1,717	5,872	11,256	9,257	24,982
TOTAL U.S.	236,205	91,347	106,717	38,141	7,110	35,021	127,339	50,169	106,172
TOTAL U.S.									
Weeks Ended:									
JUL. 27, 1984	237,515	90,973	107,554	38,988	7,053	35,652	125,202*	51,674*	106,631
AUG. 5, 1983	225,706	96,208	90,215	39,283	7,047	33,870	129,384	47,566	107,754
DISTRICTS 1-4									
Weeks Ended:									
AUG. 03, 1984	208,053	82,104	95,387	30,562	5,393	29,149	116,083	40,912	81,190
JUL. 27, 1984	208,348	81,351	95,776	31,221	5,309	29,774	113,888*	41,006*	81,691
AUG. 5, 1983	195,645	86,196	78,154	31,295	5,466	27,425	117,921	39,129	82,506

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil

* See Revisions on Page 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended August 3, 1984

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy Mar. 1984	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
AUG. 03, 1984	5,925.4	5,891.0	2,870	316	273,655
JUL. 27, 1984	5,925.4	--	2,885	188	275,459
JUL. 20, 1984	5,925.4	--	3,816	284	276,672
JUL. 13, 1984	5,925.4	--	3,360	237	270,604
DISTRICT 5 TOTAL					
AUG. 03, 1984	2,822.5	2,689.0	226	--	78,829 ‡
JUL. 27, 1984	2,822.5	--	130	--	80,584
JUL. 20, 1984	2,822.5	--	198	7	83,409
JUL. 13, 1984	2,822.5	--	149	22	84,485
TOTAL U.S.					
AUG. 03, 1984	8,747.9	8,580.0	3,096	316	352,484 ‡
JUL. 27, 1984	8,747.9	--	3,015	188	356,043
JUL. 20, 1984	8,747.9	--	4,014	291	360,081
JUL. 13, 1984	8,747.9	--	3,509	259	355,089
AUG. 5, 1983	8,636.0/a	--	3,214	412	343,976

‡INCLUDES 21,460 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/a DOE actual for July 1983.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
AUG. 03, 1984	15,773	80,385	164,147	13,350	273,655	78,829 ‡	352,484 ‡
JUL. 27, 1984	15,062	79,707	167,211	13,479	275,459	80,584	356,043
AUG. 5, 1983	15,171	77,276	154,785	13,512	260,744	83,232	343,976

[1]See definitional notes, Page 6.

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	33	46	--	1	--	--	80
Central Atlantic	211	33	178	--	10	132	343	1	50	--	747
Lower Atlantic	62	16	46	--	--	101	204	--	--	--	367
DISTRICT 1 TOTAL											
AUG. 03, 1984	273	49	224	--	43	279	547	2	50	--	1,194
JUL. 27, 1984	225	92	133	--	15	207	715	7	58	60	1,287
JUL. 20, 1984	223	119	104	--	15	239	548	5	55	23	1,108
JUL. 13, 1984	204	77	127	25	15	166	629	30	134	134	1,337
DISTRICTS 2-4 TOTAL											
AUG. 03, 1984	21	--	21	--	--	13	75	153	142	190	594
JUL. 27, 1984	40	38	2	--	--	80*	55	138	232	23	568*
JUL. 20, 1984	19	15	4	--	--	15	54	126	230	25	469
JUL. 13, 1984	18	15	3	--	--	76	96	118	185	125	618
DISTRICT 5 TOTAL											
AUG. 03, 1984	41	25	16	--	3	6	13	2	72	90	227
JUL. 27, 1984	15	4	11	--	4	9	19	11	18	14	90
JUL. 20, 1984	15	5	10	--	4	5	18	12	19	43	116
JUL. 13, 1984	15	5	10	--	4	5	17	13	18	20	92
TOTAL U.S.	335	74	261	--	46	298	635	157	264	280	2,015
TOTAL U.S. Weeks Ended:											
JUL. 27, 1984	280	134	146	--	19	296*	789	156	308	97	1,945*
JUL. 20, 1984	257	139	118	--	19	259	620	143	304	91	1,693
JUL. 13, 1984	237	97	140	25	19	247	742	161	337	279	2,047
AUG. 5, 1983	149	82	67	--	15	387	715	184	356	166	1,972

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

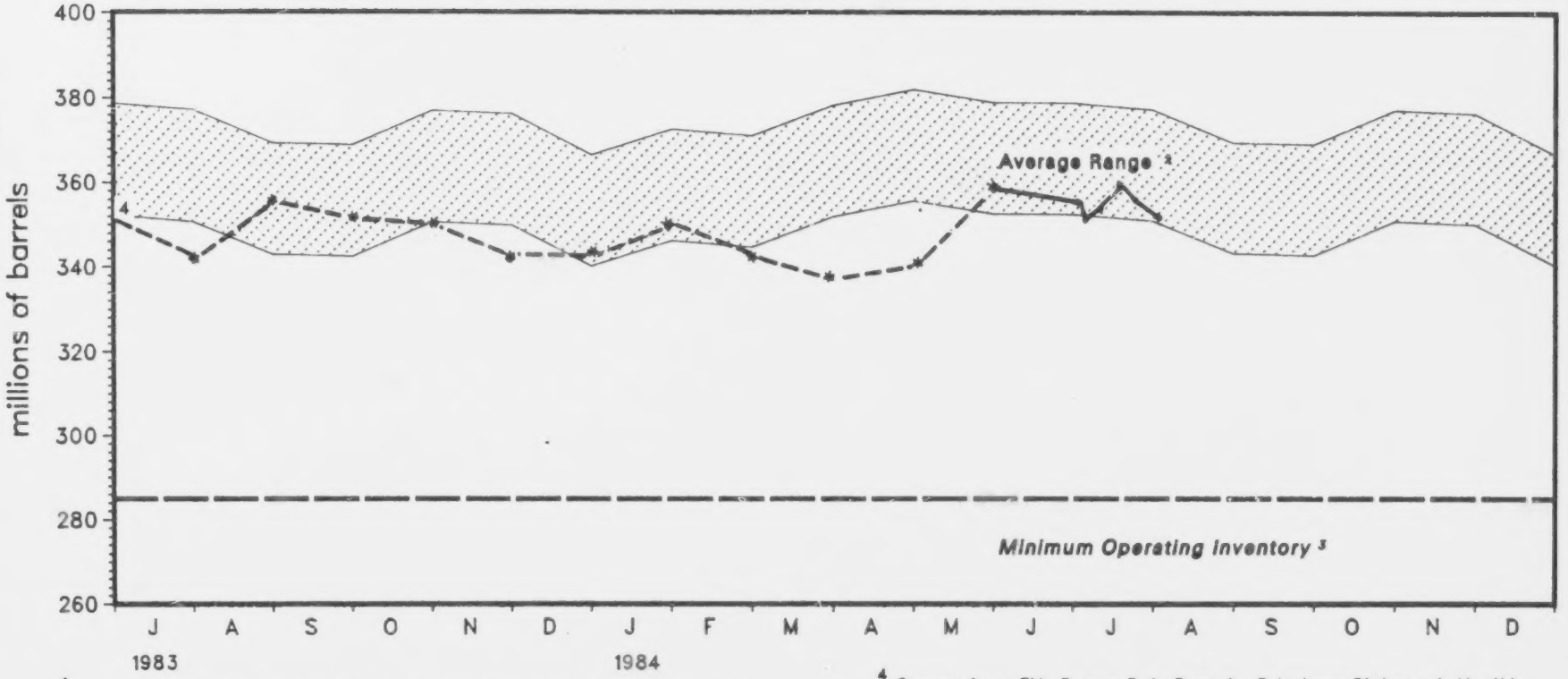
API STATISTICAL BULLETIN
WEEK ENDED: AUG. 03, 1984

REVISIONS

07/27/84	PAGE 1	TOTAL REFINERY INPUT	TEXAS GULF COAST	3,101
			DISTRICT 3 TOTAL	5,934
			TOTAL U.S.	13,031
			DISTRICTS 1-4	10,755
	PAGE 3	DISTILLATE FUEL	CENTRAL ATLANTIC	25,595
			DISTRICT 1 TOTAL	45,890
			TOTAL U.S.	125,202
			DISTRICTS 1-4	113,888
		RESIDUAL FUEL	CENTRAL ATLANTIC	20,822
			DISTRICT 1 TOTAL	26,905
			TOTAL U.S.	51,674
			DISTRICTS 1-4	41,006
	PAGE 5	DISTILLATE (INC. NO. 4)	DISTRICTS 2-4 TOTAL	80
			TOTAL U.S.	296
		TOTAL	DISTRICTS 2-4 TOTAL	568
			TOTAL U.S.	1,945

Week Ended August 3, 1984

Crude Oil Stocks at Primary Level [1] [5]



[1] *Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.*

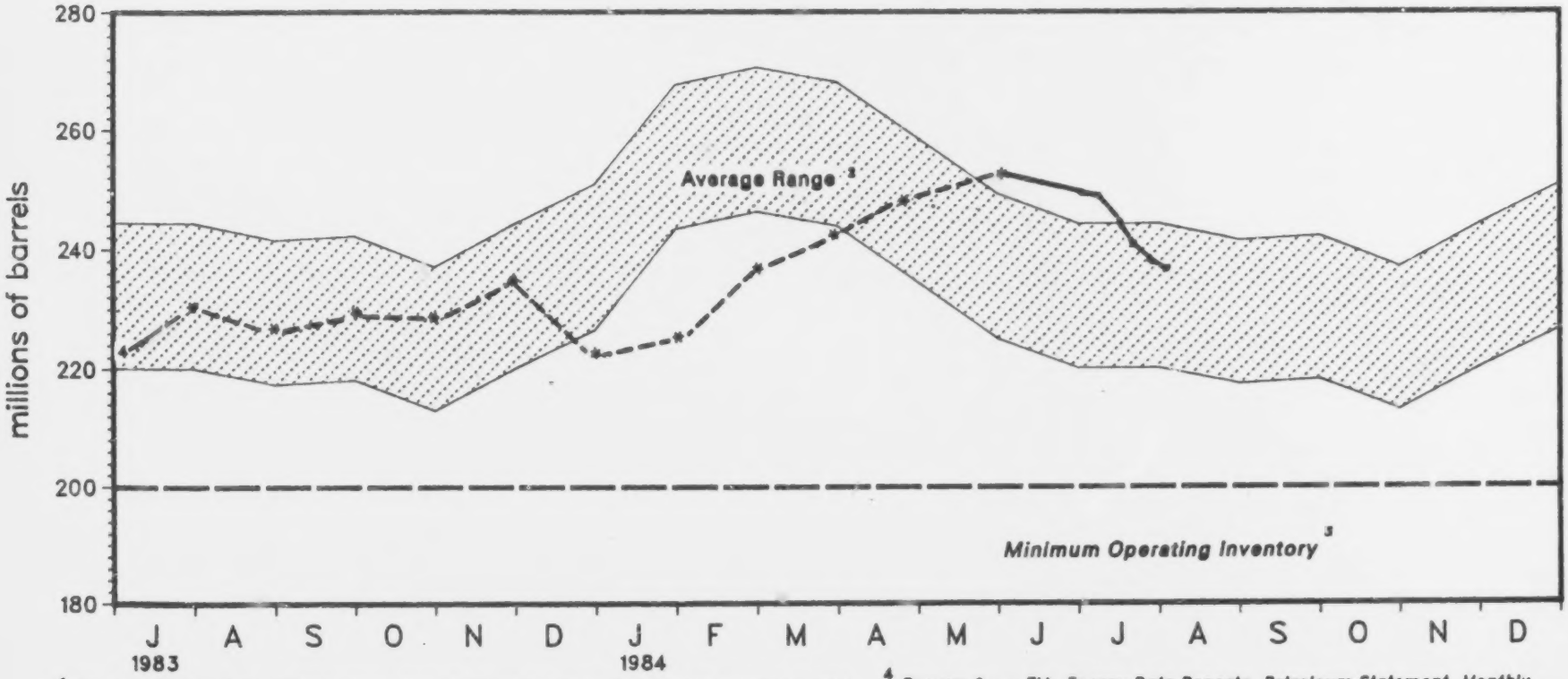
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on seven years of monthly data: January 1977 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.*

[4] *Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
** — API, Weekly Statistical Bulletin.*

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Motor Gasoline Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

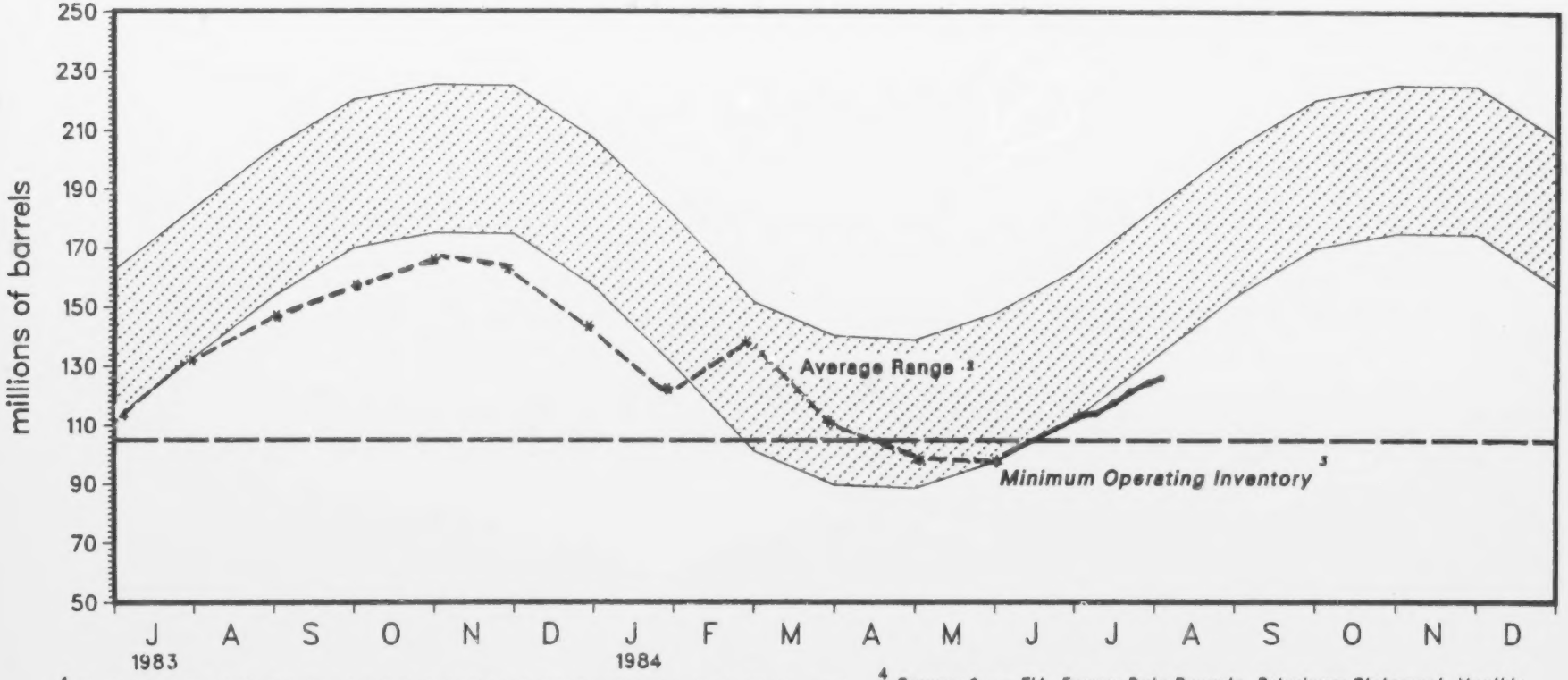
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on six years of monthly data: January 1978 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.*

[4] *Source: • -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on seven years of monthly data: January 1977 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: • -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*